

Converting Colors

XYZ(49.0806, 47.4777, 46.1124)

Have a look what the booklet for
XYZ(49.0806, 47.4777, 46.1124)
contains.

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Color

**XYZ(49.0806, 47.4777,
46.1124)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B0AD
RGB	208, 176, 173
RGB Percent	82%, 69%, 68%
CMY	0.1843, 0.3098, 0.3216
CMYK	0.00, 0.15, 0.17, 0.18
HSL	5°, 27%, 75%
HSV	5°, 17%, 82%
XYZ	49.0806, 47.4777, 46.1124
YIQ	185.2260, 20.0350, 5.8510

Conversions

Conversions Part 2

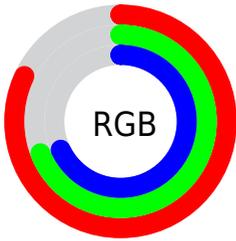
Format	Color
R _Y B	208, 176, 173
Decimal	13676717
CIE Lab	74.49, 11.08, 5.83
CIE LCh	74, 12.518, 27.767
Yxy	47.4777, 0.3440, 0.3328
Android (android.graphics.Color)	4291866797 (0xFFD0B0AD)
YUV	185.2260, -6.0274, 19.9728
Hunter-Lab	68.9041, 6.5640, 8.5544

Details

The XYZ color **49.0806, 47.4777, 46.1124** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4497, 57.0996, 68.0373**, and the grayscale version is **46.2656, 48.6751, 53.0071**.

A 20% lighter version of the original color is **84.1002, 84.5747, 85.2908**, and **23.6710, 22.3187, 21.1495** is the 20% darker color. If you saturate the color by 10%, you get **43.7519, 39.7942, 35.1673**, and if you desaturate by 10%, it is **55.2475, 56.3353, 58.8839**.

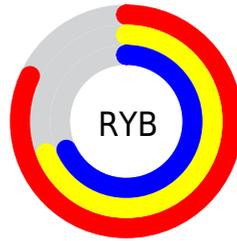
Distribution



Red (82%)

Green (69%)

Blue (68%)



Red (82%)

Yellow (69%)

Blue (68%)

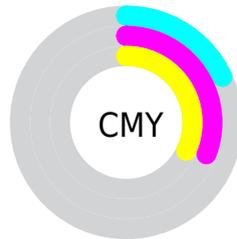


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0806, 47.4777, 46.1124 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 49.0806, 47.4777, 46.1124 by changing the saturation by 10% instead.

 49.0806, 47.4777,
46.1124

 49.0806, 47.4777,
46.1124

373.5712,
376.7181, 387.5511

 34.8982, 33.4135,
31.9852

 88.0112, 86.4262,
85.7232

 23.7506, 22.4434,
21.0855

113.4900,
112.0793, 112.0440

 15.2725, 14.1830,
12.9947

143.4651,
142.3641, 143.2663

 9.0984, 8.2481,
7.2942

178.3018,
177.6651, 179.8088

 4.8630, 4.2541,
3.5655

218.3654,
218.3666, 222.0900

 2.2011, 1.8167,
1.3902

264.0212,

 0.7433, 0.4975,

264.8530, 270.5284

0.1340

315.6347,
317.5087, 325.5426

■ 0.0000, 0.0000,
0.0000

■ 49.0806, 47.4777,
46.1124

■ 49.0806, 47.4777,
46.1124

■ 43.7519, 39.7942,
35.1673

■ 55.2475, 56.3353,
58.8839

■ 39.2215, 33.2295,
25.9622

■ 62.2826, 66.4066,
73.5568

■ 35.4521, 27.7332,
18.4085

■ 70.2191, 77.7374,
90.2055

■ 32.4016, 23.2487,
12.4082

■ 78.8933, 90.2914,
107.8776

■ 30.0241, 19.7142,
7.8531

■ 79.8226, 92.1500,
108.1874

■ 28.2683, 17.0612,
4.6213

■ 27.0754, 15.2116,
2.5705

■ 26.3731, 14.0730,
1.5159

■ 26.2265, 13.8378,
1.2887

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.6081, 47.4777, 52.1814



49.0806, 47.4777, 46.1124



47.4832, 47.4777, 41.8683

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.0806, 47.4777, 46.1124



41.5500, 47.4777, 45.3387



44.9571, 47.4777, 65.1516

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.0806, 47.4777, 46.1124



50.4497, 57.0996, 68.0373

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.8483, 47.4777, 62.9505



49.0806, 47.4777, 46.1124



40.9226, 47.4777, 51.2119

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.0806, 47.4777, 46.1124



43.1322, 47.4777, 41.4485



41.3900, 47.4777, 57.7112



47.1806, 47.4777, 63.5049

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.0806, 47.4777, 46.1124



46.0529, 47.4777, 40.4637



41.3900, 47.4777, 57.7112



44.2118, 47.4777, 64.8335

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.0819, 47.4798, 46.1134



89.4583, 91.9933, 97.2429



51.9860, 47.7094, 64.2797



18.9857, 19.4581, 20.4767



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.0819, 47.4798, 46.1134



74.7870, 70.9155, 66.8731



52.7180, 54.7520, 47.3254



11.8891, 11.9690, 12.2957



16.3755, 8.6840, 0.8131



0.9445, 0.5433, 0.0551

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.4497, 57.0996, 68.0373



77.3313, 88.8163, 107.6752



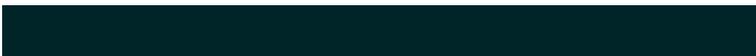
46.5137, 49.2276, 66.7253



12.0680, 13.2263, 15.1605



18.6276, 25.9019, 41.2103



1.0676, 1.5005, 2.3129

Previews

White Background



This preview shows how the XYZ color 49.0806, 47.4777, 46.1124 looks on a white background.

Color Contrast Check

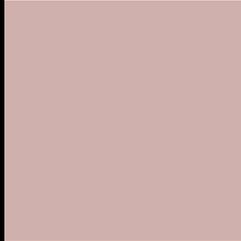
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 49.0806, 47.4777, 46.1124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

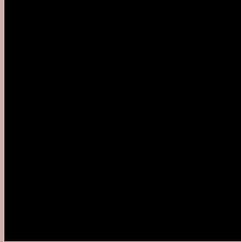
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0806, 47.4777, 46.1124

Background



This preview shows how black text looks on a background with the XYZ color 49.0806, 47.4777, 46.1124.



This preview shows how white text looks on a background with the XYZ color 49.0806, 47.4777, 46.1124.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.0806, 47.4777, 46.1124

Protanopia

45.6083, 47.7327, 48.4045

Deuteranopia

48.4418, 47.4405, 46.1389



Tritanopia

50.6840, 47.5616, 53.5227

Trichromacy



Original Color

49.0806, 47.4777, 46.1124

Protanomaly

46.6634, 47.3792, 47.7600

Deuteranomaly

48.7186, 47.5832, 46.1519

Tritanomaly

50.0680, 47.5927, 50.8034

Monochromacy



Original Color

49.0806, 47.4777, 46.1124

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.0608, 48.1295, 50.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0806, 47.4777, 46.1124 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 173) }
```

Border

The CSS property to change the border of an element to XYZ 49.0806, 47.4777, 46.1124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 176, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 176, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0806, 47.4777, 46.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
176, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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